## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM. (NPDES) DISCHARGE MONITORING REPORT (DMR)

015

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01

DAY

31

OMB No. 2040-0004

Union Oil Company of California NAME ADDRESS Attn: John Zager P.O. Box 196247 Anchorage, AK 99519-6247 FACILITY Trading Bay Production Facility Cook Inlet, Alaska LOCATION

(2-16) AKG-31-5002 PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD

YEAR MO DAY YEAR 08 01 01 80 то (24.25) (20.24) (22.22) (26,27)

LOCATION Cook Inle	t, Alaska		_		08	01	01	то	08	(20.00)	1 31	1					
	in the Charles of the Asset Service Service	(3 Card Only)		0.400.0	(20-21)	(22-23)	(24-25)	OF CONSENT	(26-27)	(28-29)	(30-31)	NO.	<del>,</del>	instructions I	petore cor	SAMPLE	
PARAMETER				(4 Card Only) QUALITY OR CONCENT					EX								
(32-37)	4374765	(46-53)	(54-61)		(38-45)		(46-53)		(54-61) MAXIMUM		T	1	· ·	OF ANALYSIS		TYPE	
	24444	AVERAGE	MAXIMUM	UNITS	MINI	MUM	AV	ERAGE	MAX	IMUM	UNITS	(82-63)	(6	4-68)	<u> </u>	(69-70)	
15	SAMPLE								ļ					- tale .			
Produced Water	MEASUREMENT	3.949337	4.077318	MGD		1 71 1 11	1		<u> </u>		V		VVe	ekly	<u> </u>	Estimate	е
Flow Rate *	PERMIT REQUIREMENT	Report	Report	MGD									W	eekiy	. !	Estimate	æ
15	SAMPLE		· ·	]					ll	_			•		1		
roduced Water	MEASUREMENT						No Discharge				ļ <u>.                                </u>						
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	REQUIREMENT	å milelige folger <del>aff</del> folg!	Nation was been the	1808 97.54		<u>. 40806 413</u>	10.00	2-1-190.4248 - We-	NO DIS	charge		<b>_</b>	<u> </u>				
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roduced Water	MEASUREMENT	A construction of the second	N St. J. Landon T. Co. 1884	n North an Pa		Valation Nation	Leafyteis 1	Confidence of the	The second second	. (1) (1) (1) (1) (1) (1)	su		3/1	MOITH	ļ	Glab	
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roduced Water	MEASUREMENT					ĺ		15	1:	Q	mg/l	1	100	ekly	Gr	ab Aver	rana
il and Grease***	PERMIT		1 . 6637-06 2 05	Judgets of Rose	t essential por the	\$d a Co. Logg	Linguista (17)	dija na iki wasina na	ak da badasa	Santa District	l iligii			Sekiy	1 01	an Avei	age
ili alla Cicasc	REQUIREMENT					Y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		29	4	2	mg/I		W <sub>i</sub>	ekly	Gr	ab Avera	rade
15	SAMPLE						1				1						
roduced Water	MEASUREMENT							5.5	5.	5	µg/l		Mic	nthly		Grab	
opper	PERMIT				Mary Association	As a second			Harse	t milit y the contract of		347 239		***			
	REQUIREMENT							47.0	1	7	µg/I		Mc	nthly		Grab	
15	SAMPLE																
Produced Water	MEASUREMENT							2	2	!	mg/l		Mo	nthly		Grab	
Manganese	PERMIT															23.	
	REQUIREMENT		*Charles to 15		Takabatan biya d			25	51	J	mg/l		Mo	nthly		Grab	
115	SAMPLE				•					_	ug/l						
Produced Water	MEASUREMENT					. A see these three thre		0.2		0.2			Mo	nthly		Grab	
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15	SAMPLE MEASUREMENT				1	,		1	1		ug/l		Ma	nthly		Grab	
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15	SAMPLE	1	100 100 100 100 100 100	1	1000 1000 1000		<del> </del>	20	Control of the Control of the Control	Gertaria III. W	uga		3130				
roduced Water	MEASUREMENT					ľ	l a	.01	0.0	01	mġ/l		Mo	nthly		Grab	
inc	PERMIT			71.4X-44.5		The Avelo	14.5		BREEL PRO	17 18 18 18			A. Carlo		· · ·		
	REQUIREMENT							0.9		9	mg/l		Mo	nthly	Grab		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  John Zager General Manager Mid Continent/Alaska Business Unit  TYPED OR PRINTED		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordence with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting						Dale A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE				
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											(907) 2	76-7600	08	02	2		
												[		ll			
											R	AREA	NUMBER	YEAR	мо		
		false information, including the possibility of fine and imprisonment for knowing violations.						OR AUTHORIZED AGENT			CODE	I	I I		1		

See Trading Bay Production Facility Page 3 of 3 for comments.

OF

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

OMR No. 2040-0004

OF

PAGE

Union Oil Company of California NAME ADDRESS Attn: John Zager P.O. Box 196247 Anchorage, AK 99519-6247 Trading Bay Production Facility FACILITY

(2-16) AKG-31-5002 PERMIT NUMBER

015 DISCHARGE NUMBER

MONITORING PERIOD DAY MO YEAR MO DAY YEAR 08 01 31 08 01 01 TΩ (26-27) (28-29) (30-31) (20-21) (22-23) (24-25)

LOCATION Cook Inlet, Alaska NOTE: Read instructions before completing this form. SAMPLE FREQUENCY QUALITY OR CONCENTRATION (4 Card Only) QUANTITY OR LOADING (3 Card Only) PARAMETER ΕX OF ANALYSIS TYPE (54-61) (46-53) (38-45) (46-53) (54-61) (32-37) (69-70) (64-68) MAXIMUM UNITS (62,63) AVERAGE MAXIMUM UNITS MINIMUM AVERAGE 015 SAMPLE Monthly Grab Я mg/L MEASUREMENT Produced Water PERMIT TAH 27 ma/L Monthly. Grab 18 REQUIREMENT 015 SAMPLE Grab Я ma/l Monthly 8 MEASUREMENT Produced Water PERMIT TAOH Grab ma/L Monthly Report Report REQUIREMENT SAMPLE 015 Quarterly Grab ma/l MEASUREMENT Produced Water PERMIT Total Ammonia Grab ma/i Quarterly Report Report REQUIREMENT 015 SAMPLE Grab TUC Annually 143 143 MEASUREMENT Produced Water Whole Effluent Toxicity PERMIT THE Grab 568 Annually. 283 REQUIREMENT Mytilis sp.\* SAMPLE 015 Grab No Sample TUC Annually No Sample MEASUREMENT Produced Water Whole Effluent Toxicity PERMIT Annually Grab 283 283 TUC REQUIREMENT Dendraster excentricus SAMPLE 015 Grab No Sample No Sample TUC Annually Produced Water MEASUREMENT PERMIT Whole Effluent Toxicity Grab TUC Annually 283 283 REQUIREMENT Menidia bervilina TELEPHONE DATE NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified 20 (907) 276-7600 08 02 personnel properly gather and evaluate the information submitted. Based on my inquiry of John Zager the person or persons who manage the system, or those persons directly responsible for Dale A. Haines General Manager SIGNATURE OF gathering the information, the information submitted is, to the best of my knowledge and belief, Mid Continent/Alaska Business Unit DA AREA NUMBER YEAR MO true, accurate, and complete. I am aware that there are significant penalties for submitting PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT CODE false information, including the possibility of fine and imprisonment for knowing violations. TYPED OR PRINTED \*Identified as the most sensitive species. COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS	(Include Escility Name/Location if Different)

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME	Union Oil Company of California
ADDRESS	Attn: John Zager
	P.O. Box 196247
	Anchorage, AK 99519-6247
FACILITY	Trading Bay Production Facility
LOCATION	Cook Inlet, Alaska

(2-16)AKG-31-5002 015 DISCHARGE NUMBER PERMIT NUMBER MONITORING PERIOD МО DAY YEAR мо DAY YEAR 01 01 08 01 31 08 TO

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

# COMMENTS PAGE 3 OF 3

(22-23)

(24-25)

- \* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms. Estimated workover fluid flow rate: 0.054750

  Estimated waterflood flow rate added to produced fluid stream to prevent line freezing: 0.094752
- \*\* Frequency of pH measurement has been increased to more closely monitor water quality.

(20-21)

\*\*\* Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

ł							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	certify under penalty of law that this document and all attachments were prepared under	7016	TELEPHONE		DATE		
	my direction or supervision in accordance with a system designed to assure that qualified						
John Zager	personnel properly gather and evaluate the information submitted. Based on my inquiry of		(907) 276-7600		08	02	20
	the person or persons who manage the system, or those persons directly responsible for	Dale A. Haines					
	gathering the information, the information submitted is, to the best of my knowledge and belief,	SIGNATURE OF					
	true, accurate, and complete. I am aware that there are significant penalties for submitting	PRINCIPAL EXECUTIVE OFFICER	AREA	NUMBER	YEAR	MO	DΑ
	false information, including the possibility of fine and imprisonment for knowing violations.	OR AUTHORIZED AGENT	CODE	<u> </u>			
COMMENTS AND EXPLANATION OF ANY VIOLA							

#### PERMUTTEE NAME/ADDRESS (Include Facility Namo/Location )( Different)

Anchorage, AK 99519-6247

Trading Bay Production Facility

Attn: John Zager

P.O. Box 196247

Cook Inlet, Alaska

NAME

ADDRESS

FACILITY

LOCATION

Union Oil Company of California

# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

015 AKG-31-5002 PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD

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(20-21)

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#### COMMENTS PAGE 3 OF 3

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TELEPHONE DATE NAME/TITLE PRINCIPAL EXECUTIVE OFFICER II certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified (907) 276-7600 20 personnel properly gather and evaluate the information submitted. Based on my inquiry of 80 02 John Zager General Manager the person or persons who manage the system, or those persons directly responsible for Dale A. Haines SIGNATURE OF Mid Continent/Alaska Business Unit gathering the information, the information submitted is, to the best of my knowledge and belief, PRINCIPAL EXECUTIVE OFFICER AREA NUMBER YEAR MO DΑ true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. OR AUTHORIZED AGENT CODE TYPED OR PRINTED COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)